



Crockerne Church of England Primary School Knowledge Organiser

KNOWLEDGE ORGANISER OVERVIEW – Natural Disasters- Earthquakes and Tsunamis

PROJECT: Can we help save the planet with words?

KEY FACTS AND VOCABULARY FOR MINI OUTCOME

- Earthquake- A sudden violent shaking of the ground, typically causing great destruction, as a result of movements within the earth's crust or volcanic action
- Tsunami- a giant wave caused by a huge earthquake under the ocean.
- Tsunami- The Japanese word Tsunami translates to 'Harbour Wave'
- Epicenter- the point on the earth's surface directly above the focus of an earthquake
- Focus- Where the earthquake begins
- Tectonic plate- Tectonic plates are pieces of the rocky outer layer of the Earth known as the crust. These plates are constantly moving, and volcanoes and earthquakes are found at plate boundaries.
- Fault- A weak point in the tectonic plate
- Plate boundary- The point where two tectonic plates meet.
- Richter Scale- A scale which is used to measure the strength of earthquakes. It uses the strength of vibrations to class earthquakes between 1 and 10.
- Mercalli Scale: A scale which is used to measure the damage of earthquakes. It uses the damage caused to class earthquakes between 1 and 12.

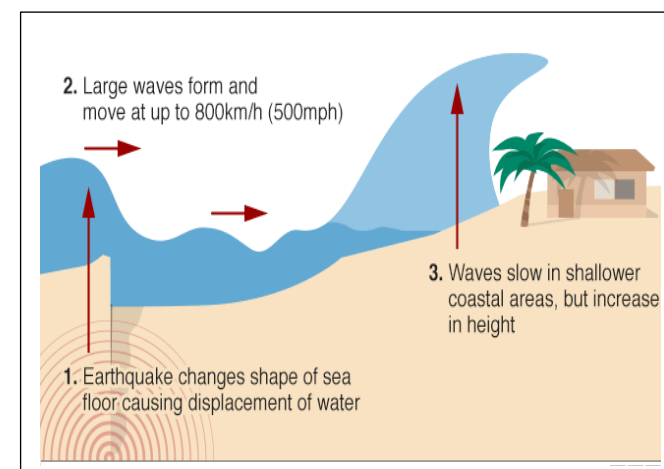
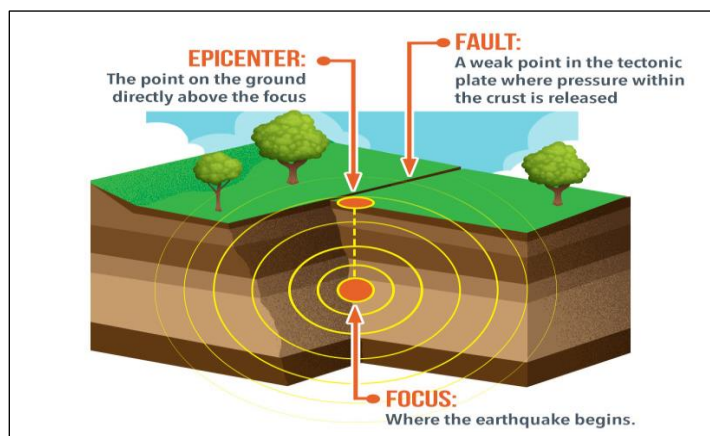
ADDITIONAL INFORMATION

Earthquakes are caused when the earth's tectonic plates suddenly move. • Most earthquakes occur near the tectonic plate boundaries. • Earthquakes can cause lots of damage to roads, buildings and property.

When an earthquake occurs under the ocean, this causes a large amount of water to be displaced very quickly causing a series of waves. (Other disturbances can include volcanic eruptions, underwater explosions and meteorite impacts!) • As the waves travel through shallower water near land, they get bigger and bigger. The wave crashes onto the land causing devastation to buildings and sometimes even lives.

December 26th 2004 – An Indonesian tsunami occurred after a large earthquake. An estimated 229,866 people died, making the second most catastrophic tsunami in history.

DIAGRAM / PICTURE



USEFUL WEBSITES

<https://www.natgeokids.com/uk/category/discover/geography/>

<https://www.bbc.co.uk/bitesize/subjects/zbkw2hv>